

**APPENDIX D**  
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## **Economic Impact - GMO Alternative Resource Plans**

**Plan AAAGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	779					
2015	825					
2016	878					
2017	907					
2018	944					
2019	1,040					
2020	1,151					
2021	1,202					
2022	1,268					
2023	1,421					
2024	1,454					
2025	1,493					
2026	1,481					
2027	1,486					
2028	1,533					
2029	1,565					
2030	1,576					
2031	1,621					
2032	1,672					
2033	1,731					

**Plan ABGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	779					
2015	825					
2016	878					
2017	907					
2018	1,026					
2019	1,018					
2020	1,122					
2021	1,165					
2022	1,228					
2023	1,319					
2024	1,348					
2025	1,389					
2026	1,378					
2027	1,386					
2028	1,434					
2029	1,466					
2030	1,478					
2031	1,527					
2032	1,580					
2033	1,693					

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**Plan ABCGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	779					
2015	853					
2016	873					
2017	900					
2018	936					
2019	1,029					
2020	1,136					
2021	1,183					
2022	1,312					
2023	1,321					
2024	1,350					
2025	1,391					
2026	1,380					
2027	1,387					
2028	1,435					
2029	1,467					
2030	1,479					
2031	1,528					
2032	1,581					
2033	1,694					

**Plan ABDGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	779					
2015	853					
2016	873					
2017	900					
2018	971					
2019	1,018					
2020	1,123					
2021	1,166					
2022	1,229					
2023	1,320					
2024	1,349					
2025	1,390					
2026	1,379					
2027	1,387					
2028	1,435					
2029	1,467					
2030	1,479					
2031	1,528					
2032	1,581					
2033	1,694					

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**Plan ABDGF**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	779					
2015	853					
2016	892					
2017	918					
2018	988					
2019	1,032					
2020	1,132					
2021	1,175					
2022	1,237					
2023	1,327					
2024	1,356					
2025	1,395					
2026	1,386					
2027	1,393					
2028	1,440					
2029	1,470					
2030	1,481					
2031	1,530					
2032	1,580					
2033	1,640					

**Plan ABDGW**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	779					
2015	853					
2016	873					
2017	900					
2018	971					
2019	1,040					
2020	1,140					
2021	1,179					
2022	1,239					
2023	1,326					
2024	1,353					
2025	1,391					
2026	1,379					
2027	1,386					
2028	1,432					
2029	1,462					
2030	1,473					
2031	1,521					
2032	1,571					
2033	1,683					

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**Plan ABEGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	779					
2015	825					
2016	878					
2017	907					
2018	992					
2019	1,028					
2020	1,135					
2021	1,182					
2022	1,311					
2023	1,320					
2024	1,349					
2025	1,390					
2026	1,379					
2027	1,386					
2028	1,434					
2029	1,466					
2030	1,478					
2031	1,527					
2032	1,580					
2033	1,693					

**Plan ABFGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	779					
2015	883					
2016	904					
2017	925					
2018	960					
2019	1,048					
2020	1,152					
2021	1,194					
2022	1,258					
2023	1,349					
2024	1,380					
2025	1,419					
2026	1,409					
2027	1,415					
2028	1,462					
2029	1,493					
2030	1,505					
2031	1,552					
2032	1,604					
2033	1,666					

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**Plan ACBGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	779					
2015	825					
2016	882					
2017	910					
2018	981					
2019	1,031					
2020	1,138					
2021	1,181					
2022	1,244					
2023	1,336					
2024	1,368					
2025	1,409					
2026	1,399					
2027	1,406					
2028	1,453					
2029	1,486					
2030	1,499					
2031	1,548					
2032	1,601					
2033	1,664					

**Plan ACFGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	779					
2015	854					
2016	879					
2017	903					
2018	939					
2019	1,031					
2020	1,139					
2021	1,181					
2022	1,245					
2023	1,337					
2024	1,369					
2025	1,410					
2026	1,399					
2027	1,406					
2028	1,454					
2029	1,486					
2030	1,500					
2031	1,549					
2032	1,602					
2033	1,665					

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**Plan ACGGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	779					
2015	824					
2016	882					
2017	909					
2018	1,013					
2019	1,018					
2020	1,122					
2021	1,165					
2022	1,228					
2023	1,319					
2024	1,348					
2025	1,389					
2026	1,378					
2027	1,386					
2028	1,434					
2029	1,466					
2030	1,478					
2031	1,527					
2032	1,580					
2033	1,693					

**Plan ADBGGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	779					
2015	824					
2016	878					
2017	907					
2018	979					
2019	1,029					
2020	1,137					
2021	1,183					
2022	1,247					
2023	1,363					
2024	1,395					
2025	1,435					
2026	1,423					
2027	1,430					
2028	1,476					
2029	1,507					
2030	1,520					
2031	1,568					
2032	1,619					
2033	1,680					

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**Plan AGAGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	779					
2015	825					
2016	878					
2017	907					
2018	944					
2019	1,040					
2020	1,150					
2021	1,264					
2022	1,325					
2023	1,392					
2024	1,428					
2025	1,472					
2026	1,465					
2027	1,475					
2028	1,527					
2029	1,564					
2030	1,581					
2031	1,633					
2032	1,690					
2033	1,758					

**Plan AHFGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	779					
2015	853					
2016	873					
2017	900					
2018	936					
2019	1,029					
2020	1,136					
2021	1,247					
2022	1,308					
2023	1,348					
2024	1,381					
2025	1,425					
2026	1,420					
2027	1,431					
2028	1,483					
2029	1,522					
2030	1,539					
2031	1,593					
2032	1,652					
2033	1,721					

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**Plan AIDGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	779					
2015	853					
2016	873					
2017	900					
2018	1,150					
2019	1,107					
2020	1,195					
2021	1,232					
2022	1,289					
2023	1,326					
2024	1,354					
2025	1,394					
2026	1,383					
2027	1,388					
2028	1,435					
2029	1,467					
2030	1,480					
2031	1,530					
2032	1,585					
2033	1,653					

**Plan BBDGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	808					
2015	902					
2016	928					
2017	971					
2018	1,054					
2019	1,122					
2020	1,231					
2021	1,258					
2022	1,342					
2023	1,429					
2024	1,439					
2025	1,504					
2026	1,495					
2027	1,477					
2028	1,544					
2029	1,572					
2030	1,551					
2031	1,623					
2032	1,670					
2033	1,701					

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**Plan CBDGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	790					
2015	874					
2016	889					
2017	922					
2018	996					
2019	1,050					
2020	1,156					
2021	1,194					
2022	1,263					
2023	1,351					
2024	1,375					
2025	1,422					
2026	1,412					
2027	1,411					
2028	1,465					
2029	1,496					
2030	1,497					
2031	1,554					
2032	1,605					
2033	1,658					

**Plan DBDGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	799					
2015	887					
2016	909					
2017	946					
2018	1,025					
2019	1,087					
2020	1,194					
2021	1,226					
2022	1,302					
2023	1,389					
2024	1,406					
2025	1,462					
2026	1,453					
2027	1,443					
2028	1,504					
2029	1,533					
2030	1,523					
2031	1,587					
2032	1,636					
2033	1,676					

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**Plan EBDGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	773					
2015	848					
2016	895					
2017	920					
2018	990					
2019	1,035					
2020	1,145					
2021	1,196					
2022	1,258					
2023	1,353					
2024	1,393					
2025	1,432					
2026	1,468					
2027	1,483					
2028	1,526					
2029	1,559					
2030	1,583					
2031	1,624					
2032	1,680					
2033	1,804					

**Plan ECFGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	773					
2015	849					
2016	901					
2017	922					
2018	957					
2019	1,047					
2020	1,160					
2021	1,212					
2022	1,275					
2023	1,370					
2024	1,412					
2025	1,451					
2026	1,445					
2027	1,462					
2028	1,506					
2029	1,542					
2030	1,613					
2031	1,652					
2032	1,708					
2033	1,781					

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**Plan XAAGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	768					
2015	812					
2016	850					
2017	914					
2018	953					
2019	1,044					
2020	1,168					
2021	1,236					
2022	1,299					
2023	1,499					
2024	1,550					
2025	1,586					
2026	1,581					
2027	1,652					
2028	1,687					
2029	1,722					
2030	1,755					
2031	1,788					
2032	1,842					
2033	1,976					

**Plan XBDGA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	768					
2015	841					
2016	881					
2017	907					
2018	979					
2019	1,058					
2020	1,173					
2021	1,232					
2022	1,293					
2023	1,430					
2024	1,478					
2025	1,516					
2026	1,513					
2027	1,584					
2028	1,619					
2029	1,655					
2030	1,688					
2031	1,722					
2032	1,829					
2033	1,912					

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## **Economic Impact – Combined Company Alternative** **Resource Plans**

Plan: **ABBCA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	2,383					
2015	2,612					
2016	2,626					
2017	2,675					
2018	2,789					
2019	2,979					
2020	3,368					
2021	3,265					
2022	3,369					
2023	3,542					
2024	3,636					
2025	3,693					
2026	3,737					
2027	3,761					
2028	3,804					
2029	3,879					
2030	3,948					
2031	4,026					
2032	4,215					
2033	4,305					

Plan: **ACCCA**

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	2,383					
2015	2,583					
2016	2,634					
2017	2,685					
2018	2,831					
2019	2,979					
2020	3,367					
2021	3,255					
2022	3,361					
2023	3,541					
2024	3,635					
2025	3,692					
2026	3,736					
2027	3,760					
2028	3,803					
2029	3,878					
2030	3,947					
2031	4,025					
2032	4,214					
2033	4,304					

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Plan: ACDCA

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	2,383					
2015	2,583					
2016	2,634					
2017	2,685					
2018	2,831					
2019	2,979					
2020	3,241					
2021	3,290					
2022	3,530					
2023	3,539					
2024	3,634					
2025	3,691					
2026	3,734					
2027	3,759					
2028	3,801					
2029	3,876					
2030	3,945					
2031	4,023					
2032	4,213					
2033	4,303					

Plan: ACECA

Year	Revenue Requirement (\$MM)	Levelized Annual Rates (\$/kw-hr)	Rate Increase	Times Interest Earned	Debt to Capital	Internal Cash to Construction Expense
2014	2,383	0.099	0.00%	4.0	56.29	0.61
2015	2,561	0.106	7.36%	4.5	47.83	0.92
2016	2,639	0.109	2.95%	4.7	47.82	1.16
2017	2,691	0.112	2.57%	4.6	47.82	1.21
2018	2,840	0.119	5.95%	4.7	47.82	1.25
2019	3,046	0.128	7.67%	4.8	47.82	1.70
2020	3,335	0.140	9.69%	4.7	47.82	1.87
2021	3,263	0.138	-1.79%	4.7	47.82	1.35
2022	3,366	0.142	3.21%	4.7	47.82	1.44
2023	3,539	0.150	5.07%	4.7	47.82	1.36
2024	3,634	0.153	2.19%	4.5	47.82	1.15
2025	3,691	0.155	1.47%	4.3	47.82	2.01
2026	3,734	0.156	0.72%	4.3	47.82	1.84
2027	3,759	0.156	0.06%	4.3	47.82	1.82
2028	3,802	0.157	0.22%	4.3	47.83	1.85
2029	3,876	0.159	1.35%	4.3	47.83	1.64
2030	3,945	0.160	0.85%	4.3	47.83	1.33
2031	4,024	0.162	0.97%	4.3	47.83	1.43
2032	4,213	0.167	3.39%	4.4	47.82	1.21
2033	4,303	0.169	1.31%	4.2	47.83	1.96

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